



### Model Number

**DA6-IU-2K-C**

Process control and indication equipment

### Features

- 2 adjustable trip values
- 2 relay outputs
- Operation via keypad
- Programmable characteristics
- Resetting the outputs, automatic, manual or with external signal
- Connection via plug-in screw terminals
- Auxiliary power output for sensors
- Protection degree IP65 in accordance with DIN EN 60529 (front only)
- Shock resistance in accordance with DIN EN 60068-2-27
- Vibration resistance in accordance with DIN EN 60068-2-6
- System hum suppression

### Technical data

#### General specifications

Pre-selection	2-fold
Data storage	> 10 years, EEPROM
Programming	keypad-driven menu

#### Indicators/operating means

Type	14-segment LED display, red
Number of digits	6
Display value	digit height 14 mm
Key interlock	with "high"-level at terminal "KEY"
Display interval	-199999 ... 999999 with suppression of leading zeros
Decimal point	freely adjustable
Resolution	15 Bit
Scale factor	via characteristic curve with up to 12 value pairs
Reset	manually or external

#### Electrical specifications

Fusing	T 0.4 A
Operating voltage	U <sub>B</sub> 10 ... 30 V DC
Protection class	IP65 (front)
Power consumption	P <sub>0</sub> 3.8 W

#### Input

Impedance	> 1 MΩ for voltage measurement 22 Ω + PTC 25 Ω for current measurement
Analog voltage input	0 ... 10 V / 2 ... 10 V DC, -10 ... 10 V DC
Analog current input	0 ... 20 mA / 4 ... 20 mA

#### Output

Relay	changeover contact
Switching voltage	max. 250 V AC / 125 V DC min. 5 V AC / 5 V DC
Switching current	max. 5 A AC / 5 A DC min. 10 mA DC
Switching power	max. 1250 VA / 150 W
Sensor supply	15 V DC ± 1 %, 25 mA

#### Ambient conditions

Ambient temperature	-10 ... 50 °C (14 ... 122 °F)
Storage temperature	-20 ... 70 °C (-4 ... 158 °F)
Relative humidity	≤ 80 % (noncondensing)

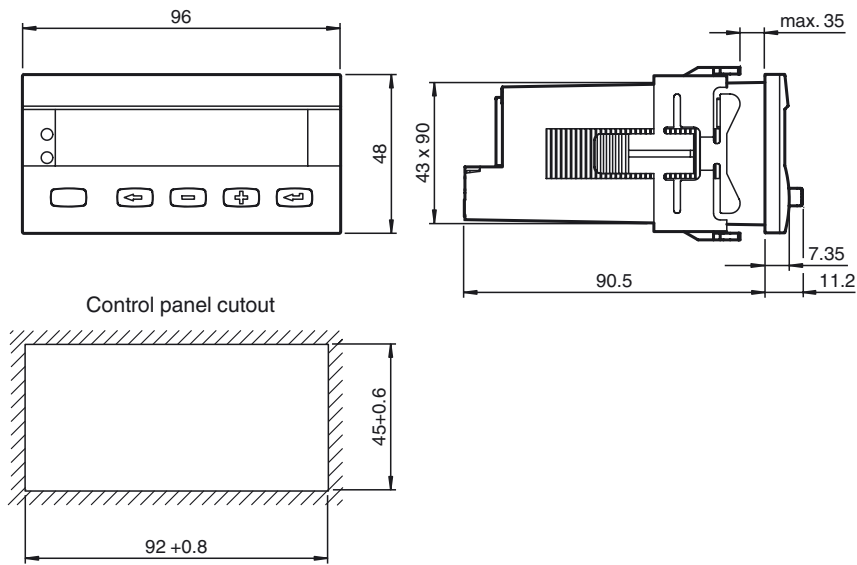
#### Mechanical specifications

Connection	8-pin and 9-pin connectors with screw terminals
Mass	180 g
Dimensions	96 mm x 48 mm x 102 mm
Mounting	mounting frame with latch fastener

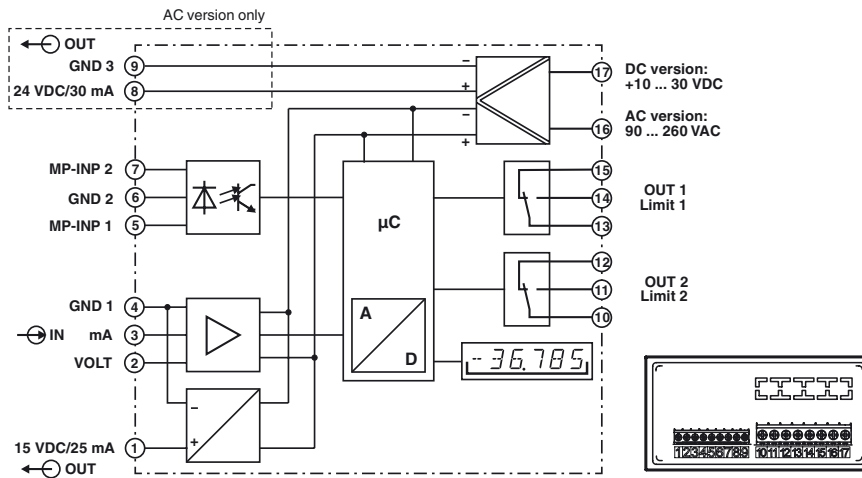
#### Compliance with standards and directives

Directive conformity	
EMC Directive 2004/108/EC	EN 61000-6-2:2006 DIN EN 55011:2009, Class B
Standard conformity	
Electrical isolation	EN 61010-1:2010
Shock and impact resistance	EN 60068-2-27:2009 EN 60068-2-29:1995
Vibration resistance	EN 60068-2-6:2008

Dimensions



Electrical connection



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